International Journal of Mass Spectrometry and Ion Processes 127 (1993) 193
Elsevier Science Publishers B.V. All rights reserved

AUTHOR INDEX

Adams, J., 17
Algom, A., 95
Allali, H., 111
Arena, G., 57
Armenante, M., 57
Avida, R., 95

Bandura, D.R., 45
Bate, D.J., 85
Bederski, K., 11
Berardi, V., 57
Boryak, O.A., 161
Brandl, D., 75

Cole, R.B., 169
Crestoni, M.E., 123, 137

Eiceman, G.A., 95
Eland, J.H.D., 67
Ewing, R.G., 95

Fornarini, S., 123, 137
Friedman, M., 95

Ghosh, P.K., 105
Grandinetti, F., 123, 137

Hagan, D.A., 67
Holthausen, M.C., 183
Hoppe, U., R1
Huang, Z., 169
Hughes, R.J., 27

Karpas, Z., 95
Koch, W., 183
Kosevich, M.V., 161
Kowalski, A., R1
Kumar, S., 105

Lablanquie, P., 67
Leake, J.A., 85

Makarov, A.A., 45
March, R.E., 27
Matmor, A., 95
Matthews, L.J., 85

Nsouli, B., 111

Occhiucci, G., 123, 137
Ottinger, Ch., R1

Park, M.A., 1

Reid, C.J., 147
Reiter, A., 17

Schoppmann, Ch., 75
Schweikert, E.A., 1
Shahal, O., 95
Shelkovsky, V.S., 161
Speranza, M., 123, 137
Spinelli, N., 57

Teesch, L.M., 17
Thomas, J.-P., 111
Tomaschko, Ch., 75

Velotta, R., 57
Voit, H., 75

Wallach, E.R., 85
Wójcik, L., 11

Yau, A.Y., 1

Zhao, H., 17

International Journal of Mass Spectrometry and Ion Processes 127 (1993) 195–197
Elsevier Science Publishers B.V. All rights reserved

SUBJECT INDEX

Acceleration region
A study of acceleration region processes in a double-focusing mass spectrometer. Part 1 27
Acrylamide
Polymerization of acrylamide in the conditions of fast atom bombardment mass spectrometry 161
Ammonia
High pressure investigation of ion/molecule reactions in mixtures of ammonia and argon, and pure ammonia 11
Anions
Gas-phase fragmentations of anionic complexes of serine- and threonine-containing peptides 17

Calcium
Gas-phase fragmentations of anionic complexes of serine- and threonine-containing peptides 17
Cesium salts
Secondary emission of negative ions and electrons resulting from electronic sputtering of cesium salts: differences between halides and oxygenated salts 111
Charge inversion
Electron affinities of BH, B_2, BC and BN molecules determined using charge inversion spectrometry 147
Chemical ionization
High pressure investigation of ion/molecule reactions in mixtures of ammonia and argon, and pure ammonia 11
Chemiluminescence
The $B^1\Delta \rightarrow A^1\Pi$ chemiluminescence of CH^+ and CD^+ from $C^+(^2P) + H_2$, D_2 collisions R1
Coincidence
A coincidence counting study of spontaneous desorption 1

D.c. discharge
Ion kinetic energy distribution in nitrogen d.c. discharge 105
Deuterium
Electron impact ionisation of H_2 (D_2) molecules: kinetic energy distributions of H^+ (D^+) 57
Double-charge transfer
Electron affinities of BH, B_2, BC and BN molecules determined using charge inversion spectrometry 147
Drift tube
Ion distribution profiles in the drift region of an ion mobility spectrometer 95

EI
Electron impact ionisation of H_2 (D_2) molecules: kinetic energy distributions of H^+ (D^+) 57
Electron affinity
Electron affinities of BH, B_2, BC and BN molecules determined using charge inversion spectrometry 147
Electron induced desorption
Desorption of thermally labile organic molecules induced by kilovolt electrons 75
Electronic sputtering
Secondary emission of negative ions and electrons resulting from electronic sputtering of cesium salts: differences between halides and oxygenated salts 111
Energy distribution
Ion kinetic energy distribution in nitrogen d.c. discharge 105

FAB
Polymerization of acrylamide in the conditions of fast atom bombardment mass spectrometry 161
Surfactant and micellar influences on desorption and fragmentation in liquid secondary ion mass spectrometry 169
Fourier-transform mass spectrometry
Ionic Lewis superacids in the gas phase. Part 2. Reactions of gaseous CF_3^+ with oxygen bases 123
Ionic Lewis superacids in the gas phase. Part 3. Reactions of gaseous CF_3^+ with nitrogen bases 137

Gas-phase ion chemistry
Ionic Lewis superacids in the gas phase. Part 2. Reactions of gaseous CF_3^+ with oxygen bases 123
Ionic Lewis superacids in the gas phase. Part 3. Reactions of gaseous CF_3^+ with nitrogen bases 137
Gaseous Lewis superacids
Ionic Lewis superacids in the gas phase. Part 2. Reactions of gaseous CF_3^+ with oxygen bases 123
Ionic Lewis superacids in the gas phase. Part 3. Reactions of gaseous CF_3^+ with nitrogen bases 137
Glow discharge
Ion kinetic energy distribution in nitrogen d.c. discharge 105

Hydrogen
Electron impact ionisation of H_2 (D_2) molecules: kinetic energy distributions of H^+ (D^+) 57

Ion collection
Time-of-flight mass reflectron with a large area of ion collection 45
Ion density
Ion distribution profiles in the drift region of an ion mobility spectrometer 95
Ion dissociation
A study of acceleration region processes in a double-focusing mass spectrometer. Part 1 27
Ion kinetics
Ionic Lewis superacids in the gas phase. Part 2. Reactions of gaseous CF_3^+ with oxygen bases 123
Ionic Lewis superacids in the gas phase. Part 3. Reactions of gaseous CF_3^+ with nitrogen bases 137
Ion mobility spectrometry
Ion distribution profiles in the drift region of an ion mobility spectrometer 95
Ion paths
Ion distribution profiles in the drift region of an ion mobility spectrometer 95
Ion source
Time-of-flight mass reflectron with a large area of ion collection 45
Ion/molecule reactions
High pressure investigation of ion/molecule reactions in mixtures of ammonia and argon, and pure ammonia 11
The $B^1\Delta \rightarrow A^1\Pi$ chemiluminescence of CH^+ and CD^+ from $C^+(^2P) + H_2, D_2$ collisions R1

Kinetic energy distributions
Electron impact ionisation of H_2 (D_2) molecules: kinetic energy distributions of H^+ (D^+) 57

Laser microprobe mass spectrometry
Matrix effects on the relative sensitivity factors measured by laser microprobe mass spectrometry 85
Liquid secondary ion mass spectrometry
Surfactant and micellar influences on desorption and fragmentation in liquid secondary ion mass spectrometry 169

Mass reflectron
Time-of-flight mass reflectron with a large area of ion collection 45
Mass spectrometry
A study of acceleration region processes in a double-focusing mass spectrometer. Part 1 27
Matrix effects
Matrix effects on the relative sensitivity factors measured by laser microprobe mass spectrometry 85
Metastable ions
A study of acceleration region processes in a double-focusing mass spectrometer. Part 1 27
Micelle
Surfactant and micellar influences on desorption and fragmentation in liquid secondary ion mass spectrometry 169
Molecular orbital calculations
Ab initio molecular orbital study on R_3SiCO^+/R_3SiOC^+ (R = H or CH_3) 183
Multiply-charged ions
A study of acceleration region processes in a double-focusing mass spectrometer. Part 1 27

Nucleosides
Surfactant and micellar influences on desorption and fragmentation in liquid secondary ion mass spectrometry 169

Peptides
Gas-phase fragmentations of anionic complexes of serine- and threonine-containing peptides 17
Polymerization
Polymerization of acrylamide in the conditions of fast atom bombardment mass spectrometry 161
Predissociation
The $B^1\Delta \rightarrow A^1\Pi$ chemiluminescence of CH^+ and CD^+ from $C^+(^2P) + H_2, D_2$ collisions R1

R_3SiCO^+/R_3SiOC^+ (R = H or CH_3)
Ab initio molecular orbital study on R_3SiCO^+/R_3SiOC^+ (R = H or CH_3) 183
Radiolysis
Secondary emission of negative ions and electrons resulting from electronic sputtering of cesium salts: differences between halides and oxygenated salts 111
Rate constants
High pressure investigation of ion/molecule reactions in mixtures of ammonia and argon, and pure ammonia 11
Reflectron mass spectrometer
Slow dissociation reactions of singly charged ions in reflectron mass spectrometers 67
Relative sensitivity factors
Matrix effects on the relative sensitivity factors measured by laser microprobe mass spectrometry 85

Secondary electron emission
Secondary emission of negative ions and electrons resulting from electronic sputtering of cesium salts: differences between halides and oxygenated salts 111
Secondary ion emission
Secondary emission of negative ions and electrons resulting from electronic sputtering of cesium salts: differences between halides and oxygenated salts 111

Serine
Gas-phase fragmentations of anionic complexes of serine- and threonine-containing peptides 17
Spectroscopy
The $B^1\Delta \rightarrow A^1\Pi$ chemiluminescence of CH^+ and CD^+ from $C^+(^2P) + H_2, D_2$ collisions R1
Spontaneous desorption
A coincidence counting study of spontaneous desorption 1
Steroid glucuronides
Surfactant and micellar influences on desorption and fragmentation in liquid secondary ion mass spectrometry 169
Structures and stabilities
Ab initio molecular orbital study on R_3SiCO^+/R_3SiOC^+ (R = H or CH_3) 183
Styrene
Slow dissociation reactions of singly charged ions in reflectron mass spectrometers 67
Surfactant
Surfactant and micellar influences on desorption and fragmentation in liquid secondary ion mass spectrometry 169
Threonine
Gas-phase fragmentations of anionic complexes of serine- and threonine-containing peptides 17
Time of flight
A coincidence counting study of spontaneous desorption 1
Desorption of thermally labile organic molecules induced by kilovolt electrons 75
Secondary emission of negative ions and electrons resulting from electronic sputtering of cesium salts: differences between halides and oxygenated salts 111
Slow dissociation reactions of singly charged ions in reflectron mass spectrometers 67
Time-of-flight mass reflectron with a large area of ion collection 45
Trifluoromethyl cation
Ionic Lewis superacids in the gas phase. Part 2. Reactions of gaseous CF_3^+ with oxygen bases 123
Ionic Lewis superacids in the gas phase. Part 3. Reactions of gaseous CF_3^+ with nitrogen bases 137
Yield
A coincidence counting study of spontaneous desorption 1